

SWISS EPHEMERIS for the year 1124

JANUARY 1124 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	7 4 15	16♌41'45	14♏12	0♌37	16♌59	5°R25	17°R12	22°R 1	29°R13	1°R 2	3°R 3	25°R59	27♏134	19♌29	7♌13
W 2	7 8 12	17°42'49	29°20	2° 7	18°13	5♏22	17♏ 6	21♏57	29♏12	1♏ 1	3♏ 3	25♏53	27°31	19°36	7°19
T 3	7 12 8	18°43'52	14♌30	3°38	19°27	5°20	17° 0	21°54	29°10	1° 1	3° 3	25°47	27°28	19°42	7°24
F 4	7 16 5	19°44'54	29°31	5° 9	20°42	5°18	16°55	21°50	29° 8	1° 1	3° 3	25°43	27°25	19°49	7°30
S 5	7 20 1	20°45'55	14♏15	6°41	21°56	5°18	16°49	21°46	29° 6	1° 1	3° 2	25°41	27°22	19°56	7°36
S 6	7 23 58	21°46'56	28°35	8°13	23°11	5°D18	16°44	21°42	29° 4	1° 0	3° 2	25°D41	27°18	20° 3	7°41
M 7	7 27 55	22°47'56	12♏28	9°47	24°25	5°18	16°38	21°39	29° 3	1° 0	3° 2	25°42	27°15	20° 9	7°47
T 8	7 31 51	23°48'55	25°54	11°20	25°39	5°20	16°33	21°35	29° 1	1° 0	3° 2	25°43	27°12	20°16	7°53
W 9	7 35 48	24°49'54	8♏53	12°55	26°54	5°22	16°28	21°31	28°59	0°59	3° 2	25°45	27° 9	20°23	7°58
T 10	7 39 44	25°50'52	21°30	14°30	28° 8	5°25	16°23	21°27	28°57	0°59	3° 2	25°R46	27° 6	20°29	8° 4
F 11	7 43 41	26°51'49	3♏48	16° 5	29°23	5°29	16°19	21°23	28°54	0°58	3°D 2	25°46	27° 3	20°36	8°10
S 12	7 47 37	27°52'45	15°54	17°42	0♌37	5°33	16°14	21°18	28°52	0°58	3° 2	25°44	26°59	20°43	8°15
S 13	7 51 34	28°53'41	27°50	19°19	1°52	5°38	16°10	21°14	28°50	0°57	3° 2	25°41	26°56	20°50	8°21
M14	7 55 30	29°54'35	9♌41	20°57	3° 6	5°44	16° 6	21°10	28°48	0°57	3° 2	25°38	26°53	20°56	8°26
T 15	7 59 27	0♌55'29	21°32	22°35	4°20	5°50	16° 2	21° 5	28°46	0°56	3° 2	25°33	26°50	21° 3	8°32
W16	8 3 24	1°56'22	3♌24	24°14	5°35	5°57	15°58	21° 1	28°44	0°55	3° 2	25°29	26°47	21°10	8°37
T 17	8 7 20	2°57'13	15°21	25°54	6°49	6° 5	15°55	20°57	28°41	0°55	3° 2	25°25	26°43	21°16	8°43
F 18	8 11 17	3°58'04	27°25	27°35	8° 4	6°13	15°51	20°52	28°39	0°54	3° 3	25°22	26°40	21°23	8°48
S 19	8 15 13	4°58'53	9♌37	29°16	9°18	6°22	15°48	20°48	28°37	0°53	3° 3	25°20	26°37	21°30	8°54
S 20	8 19 10	5°59'41	21°58	0♌59	10°33	6°32	15°45	20°43	28°35	0°53	3° 3	25°D19	26°34	21°36	8°59
M21	8 23 6	7° 0'27	4♏30	2°42	11°47	6°42	15°42	20°38	28°32	0°52	3° 3	25°19	26°31	21°43	9° 4
T 22	8 27 3	8° 1'12	17°14	4°26	13° 2	6°53	15°40	20°34	28°30	0°51	3° 3	25°20	26°28	21°50	9°10
W23	8 30 59	9° 1'55	0♏11	6°10	14°16	7° 4	15°37	20°29	28°27	0°50	3° 4	25°22	26°24	21°57	9°15
T 24	8 34 56	10° 2'37	13°23	7°56	15°31	7°16	15°35	20°24	28°25	0°49	3° 4	25°23	26°21	22° 3	9°20
F 25	8 38 52	11° 3'16	26°51	9°42	16°45	7°28	15°33	20°20	28°22	0°48	3° 4	25°24	26°18	22°10	9°25
S 26	8 42 49	12° 3'55	10♌36	11°29	18° 0	7°41	15°32	20°15	28°20	0°47	3° 5	25°R24	26°15	22°17	9°30
S 27	8 46 46	13° 4'31	24°39	13°17	19°14	7°55	15°30	20°10	28°18	0°46	3° 5	25°24	26°12	22°23	9°36
M28	8 50 42	14° 5'05	8♏58	15° 6	20°29	8° 9	15°29	20° 5	28°15	0°45	3° 5	25°23	26° 8	22°30	9°41
T 29	8 54 39	15° 5'38	23°30	16°55	21°43	8°23	15°27	20° 1	28°13	0°44	3° 6	25°22	26° 5	22°37	9°46
W30	8 58 35	16° 6'09	8♌12	18°46	22°58	8°38	15°26	19°56	28°10	0°43	3° 6	25°21	26° 2	22°44	9°51
T 31	9 2 32	17° 6'38	22♌56	20°37	24♌12	8♏54	15°26	19°51	28° 7	0♌42	3♏ 6	25°20	25°19	22°50	9°56

Delta T = 16m27s Julian Calendar 1 Jan. 1124 == Greg. Calendar 8 Jan. 1124

FEBRUARY 1124 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	9 6 28	18♌7'05	7♏37	22♌28	25♌27	9♏10	15°R25	19°R46	28°R 5	0°R41	3♏ 7	25°R19	25♏156	22♌57	10♌ 1
S 2	9 10 25	19° 7'31	22° 7	24°20	26°41	9°26	15°R25	19♏41	28♏ 2	0♌40	3° 7	25°D19	25°53	23° 4	10° 5
S 3	9 14 22	20° 7'54	6♏20	26°13	27°56	9°43	15°D25	19°36	28° 0	0°39	3° 8	25♏19	25°49	23°10	10°10
M 4	9 18 18	21° 8'16	20°13	28° 6	29°10	10° 0	15°25	19°32	27°57	0°38	3° 8	25°19	25°46	23°17	10°15
T 5	9 22 15	22° 8'37	3♌41	29°59	0♌25	10°18	15°25	19°27	27°55	0°37	3° 9	25°20	25°43	23°24	10°20
W 6	9 26 11	23° 8'56	16°46	1♌52	1°39	10°36	15°25	19°22	27°52	0°35	3° 9	25°20	25°40	23°31	10°24
T 7	9 30 8	24° 9'13	29°29	3°45	2°54	10°55	15°26	19°17	27°49	0°34	3°10	25°20	25°37	23°37	10°29
F 8	9 34 4	25° 9'29	11♏53	5°38	4° 8	11°13	15°27	19°12	27°47	0°33	3°11	25°R20	25°34	23°44	10°34
S 9	9 38 1	26° 9'44	24° 2	7°29	5°23	11°33	15°28	19° 8	27°44	0°32	3°11	25°D20	25°30	23°51	10°38
S 10	9 41 57	27° 9'57	6♌ 0	9°20	6°37	11°52	15°29	19° 3	27°41	0°30	3°12	25°20	25°27	23°57	10°43
M11	9 45 54	28°10'08	17°53	11°10	7°52	12°12	15°30	18°58	27°39	0°29	3°13	25°20	25°24	24° 4	10°47
T 12	9 49 50	29°10'18	29°44	12°57	9° 6	12°33	15°32	18°53	27°36	0°28	3°13	25°21	25°21	24°11	10°52
W13	9 53 47	0♌10'26	11♌37	14°42	10°20	12°53	15°34	18°49	27°34	0°26	3°14	25°21	25°18	24°17	10°56
T 14	9 57 44	1°10'32	23°38	16°25	11°35	13°14	15°36	18°44	27°31	0°25	3°15	25°22	25°14	24°24	11° 0
F 15	10 1 40	2°10'37	5♌49	18° 5	12°49	13°36	15°38	18°39	27°28	0°24	3°15	25°23	25°11	24°31	11° 5
S 16	10 5 37	3°10'40	18°12	19°40	14° 4	13°57	15°40	18°35	27°26	0°22	3°16	25°23	25° 8	24°38	11° 9
S 17	10 9 33	4°10'40	0♌50	21°12	15°18	14°19	15°43	18°30	27°23	0°21	3°17	25°R23	25° 5	24°44	11°13
M18	10 13 30	5°10'39	13°42	22°38	16°33	14°42	15°45	18°26	27°21	0°19	3°18	25°22	25° 2	24°51	11°17
T 19	10 17 26	6°10'36	26°49	23°59	17°47	15° 4	15°48	18°21	27°18	0°18	3°18	25°22	24°59	24°58	11°21
W20	10 21 23	7°10'31	10♏10	25°14	19° 2	15°27	15°52	18°17	27°15	0°16	3°19	25°20	24°55	25° 4	11°25
T 21	10 25 19	8°10'24	23°44	26°23	20°16	15°51	15°55	18°12	27°13	0°15	3°20	25°18	24°52	25°11	11°29
F 22	10 29 16	9°10'14	7♌30	27°25	21°30	16°14	15°58	18° 8	27°10	0°13	3°21	25°17	24°49	25°18	11°33
S 23	10 33 13	10°10'02	21°25	28°20	22°45	16°38	16° 2	18° 4	27° 8	0°12	3°22	25°15	24°46	25°25	11°36
S 24	10 37 9	11° 9'48	5♏29	29° 7	23°59	17° 2	16° 6	17°59	27° 5	0°10	3°23	25°D15	24°43	25°31	11°40
M25	10 41 6	12° 9'32	19°40	29°46	25°14	17°26	16°10	17°55	27° 3	0° 9	3°24	25°15	24°40	25°38	11°44
T 26	10 45 2	13° 9'14	3♌54	0♏17	26°28	17°51	16°14	17°51	27° 0	0° 7	3°24	25°16	24°36	25°45	11°47
W27	10 48 59	14° 8'53	18°11	0°40	27°42	18°16	16°18	17°47	26°58	0° 6	3°25	25°17	24°33	25°51	11°51
T 28	10 52 55	15° 8'29	2♏27	0°54	28°57	18°41	16°23	17°43	26°55	0° 4	3°26	25°18	24°30	25°58	11°54
F 29	10 56 52	16° 8'04	16♏39	1°R 1	0♌11	19♏ 6	16°28	17°39	26°53	0♌ 2	3♏27	25°19	24°27	26° 5	11°58

Delta T = 16m27s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1124

MARCH 1124 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	11 0 48	17 ^h 7'36"	0 ^m 42"	0°R59	1 ^h 25'	19 ^h 32'	16 ^h 33'	17°R35	26°R50	0°R 1	3 ^h 28'	25°R19	24 ^h 24'	26 ^h 11'	12 ^h 3 1
S 2	11 4 45	18° 7'06"	14°35'	0 ^h Y49	2°40'	19°58'	16°38'	17 ^h Ω31	26 ^h Ω48	29 ^h η59	3°29'	25 ^h Ω18	24°20'	26°18'	12° 4
M 3	11 8 42	19° 6'33"	28°12'	0°32'	3°54'	20°23'	16°43'	17°27'	26°46'	29°58'	3°30'	25°16'	24°17'	26°25'	12° 8
T 4	11 12 38	20° 5'59"	11 ^h Ω32	0° 7'	5° 8'	20°50'	16°48'	17°24'	26°43'	29°56'	3°31'	25°13'	24°14'	26°32'	12°11
W 5	11 16 35	21° 5'23"	24°33'	29 ^h κ37	6°23'	21°16'	16°54'	17°20'	26°41'	29°54'	3°32'	25° 8'	24°11'	26°38'	12°14
T 6	11 20 31	22° 4'45"	7 ^h η16	29° 0'	7°37'	21°43'	17° 0'	17°17'	26°39'	29°53'	3°33'	25° 4'	24° 8'	26°45'	12°17
F 7	11 24 28	23° 4'05"	19°42'	28°19'	8°51'	22°10'	17° 5'	17°13'	26°36'	29°51'	3°34'	25° 0'	24° 5'	26°52'	12°20
S 8	11 28 24	24° 3'23"	1 ^h α52	27°34'	10° 6'	22°37'	17°12'	17°10'	26°34'	29°49'	3°35'	24°57'	24° 1'	26°58'	12°22
S 9	11 32 21	25° 2'39"	13°52'	26°46'	11°20'	23° 4'	17°18'	17° 7'	26°32'	29°48'	3°37'	24°55'	23°58'	27° 5'	12°25
M10	11 36 17	26° 1'54"	25°45'	25°56'	12°34'	23°31'	17°24'	17° 3'	26°30'	29°46'	3°38'	24°D54	23°55'	27°12'	12°28
T 11	11 40 14	27° 1'07"	7 ^h Ω37	25° 6'	13°48'	23°59'	17°31'	17° 0'	26°28'	29°45'	3°39'	24°55'	23°52'	27°18'	12°31
W12	11 44 10	28° 0'18"	19°31'	24°16'	15° 3'	24°26'	17°37'	16°57'	26°26'	29°43'	3°40'	24°56'	23°49'	27°25'	12°33
T 13	11 48 7	28°59'27"	1 ^h α34	23°26'	16°17'	24°54'	17°44'	16°54'	26°23'	29°41'	3°41'	24°58'	23°45'	27°32'	12°36
F 14	11 52 4	29°58'34"	13°49'	22°39'	17°31'	25°22'	17°51'	16°51'	26°21'	29°40'	3°42'	24°59'	23°42'	27°39'	12°38
S 15	11 56 0	0 ^h Y57'39"	26°20'	21°55'	18°45'	25°51'	17°58'	16°48'	26°19'	29°38'	3°43'	25°R 0	23°39'	27°45'	12°40
S 16	11 59 57	1°56'42"	9 ^h κ10	21°14'	20° 0'	26°19'	18° 5'	16°46'	26°17'	29°36'	3°45'	24°59'	23°36'	27°52'	12°43
M17	12 3 53	2°55'44"	22°20'	20°37'	21°14'	26°48'	18°13'	16°43'	26°15'	29°35'	3°46'	24°56'	23°33'	27°59'	12°45
T 18	12 7 50	3°54'43"	5 ^h Y50	20° 5'	22°28'	27°17'	18°20'	16°41'	26°14'	29°33'	3°47'	24°52'	23°30'	28° 5'	12°47
W19	12 11 46	4°53'40"	19°38'	19°38'	23°42'	27°46'	18°28'	16°38'	26°12'	29°31'	3°48'	24°46'	23°26'	28°12'	12°49
T 20	12 15 43	5°52'35"	3 ^h Ω40	19°16'	24°56'	28°15'	18°35'	16°36'	26°10'	29°30'	3°49'	24°39'	23°23'	28°19'	12°51
F 21	12 19 39	6°51'28"	17°52'	18°59'	26°11'	28°44'	18°43'	16°34'	26° 8'	29°28'	3°51'	24°33'	23°20'	28°25'	12°53
S 22	12 23 36	7°50'19"	2 ^h η10	18°48'	27°25'	29°13'	18°51'	16°32'	26° 6'	29°26'	3°52'	24°27'	23°17'	28°32'	12°55
S 23	12 27 33	8°49'08"	16°28'	18°42'	28°39'	29°43'	19° 0'	16°29'	26° 5'	29°25'	3°53'	24°23'	23°14'	28°39'	12°57
M24	12 31 29	9°47'54"	0 ^h Ω43	18°D42	29°53'	0 ^h Ω13	19° 8'	16°28'	26° 3'	29°23'	3°54'	24°21'	23°11'	28°45'	12°58
T 25	12 35 26	10°46'38"	14°52'	18°46'	1 ^h Y 7	0°42'	19°16'	16°26'	26° 1'	29°22'	3°56'	24°D21	23° 7'	28°52'	13° 0
W26	12 39 22	11°45'20"	28°55'	18°56'	2°21'	1°12'	19°25'	16°24'	26° 0'	29°20'	3°57'	24°22'	23° 4'	28°59'	13° 1
T 27	12 43 19	12°43'59"	12 ^h Ω49	19°11'	3°35'	1°42'	19°34'	16°22'	25°58'	29°18'	3°58'	24°23'	23° 1'	29° 6'	13° 3
F 28	12 47 15	13°42'36"	26°36'	19°30'	4°49'	2°13'	19°42'	16°21'	25°57'	29°17'	3°59'	24°R23	22°58'	29°12'	13° 4
S 29	12 51 12	14°41'10"	10 ^h η12	19°54'	6° 4'	2°43'	19°51'	16°19'	25°55'	29°15'	4° 1'	24°22'	22°55'	29°19'	13° 5
S 30	12 55 8	15°39'43"	23°39'	20°22'	7°18'	3°13'	20° 0'	16°18'	25°54'	29°14'	4° 2'	24°19'	22°51'	29°26'	13° 7
M31	12 59 5	16°Y38'14"	6 ^h Ω54	20 ^h κ55	8 ^h Y32	3 ^h Ω44	20 ^h η 9	16 ^h Ω17	25 ^h Ω52	29 ^h η12	4 ^h Ω 3	24 ^h Ω13	22 ^h Ω48	29 ^h κ32	13 ^h Ω 8

Delta T = 16m26s Julian Calendar 1 March 1124 == Greg. Calendar 8 March 1124

APRIL 1124 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	13 3 2	17 ^h Y36'42"	19 ^h Ω56	21 ^h κ32	9 ^h Y46	4 ^h Ω15	20 ^h η19	16°R16	25°R51	29°R10	4 ^h Ω 5	24°R 5	22 ^h Ω45	29 ^h κ39	13 ^h Ω 9
W 2	13 6 58	18°35'09"	2 ^h η45	22°12'	11° 0'	4°45'	20°28'	16 ^h Ω15	25 ^h Ω50	29 ^h η 9	4° 6'	23 ^h Ω56	22°42'	29°46'	13°10
T 3	13 10 55	19°33'33"	15°19'	22°56'	12°14'	5°16'	20°38'	16°14'	25°48'	29° 7'	4° 7'	23°46'	22°39'	29°52'	13°10
F 4	13 14 51	20°31'56"	27°40'	23°44'	13°28'	5°47'	20°47'	16°13'	25°47'	29° 6'	4° 8'	23°36'	22°36'	29°59'	13°11
S 5	13 18 48	21°30'18"	9 ^h α48	24°35'	14°42'	6°19'	20°57'	16°12'	25°46'	29° 4'	4°10'	23°27'	22°32'	0 ^h Ω 6	13°12
S 6	13 22 44	22°28'37"	21°47'	25°30'	15°56'	6°50'	21° 7'	16°12'	25°45'	29° 3'	4°11'	23°21'	22°29'	0°13'	13°13
M 7	13 26 41	23°26'56"	3 ^h Ω39	26°27'	17°10'	7°21'	21°16'	16°11'	25°44'	29° 1'	4°12'	23°16'	22°26'	0°19'	13°13
T 8	13 30 37	24°25'12"	15°30'	27°27'	18°24'	7°53'	21°26'	16°11'	25°43'	29° 0'	4°14'	23°14'	22°23'	0°26'	13°14
W 9	13 34 34	25°23'27"	27°23'	28°30'	19°38'	8°24'	21°37'	16°10'	25°42'	28°59'	4°15'	23°D14	22°20'	0°33'	13°14
T 10	13 38 31	26°21'40"	9 ^h α25	29°36'	20°52'	8°56'	21°47'	16°10'	25°41'	28°57'	4°17'	23°14'	22°17'	0°39'	13°14
F 11	13 42 27	27°19'52"	21°40'	0 ^h Y45	22° 6'	9°28'	21°57'	16°D10	25°40'	28°56'	4°18'	23°R15	22°13'	0°46'	13°15
S 12	13 46 24	28°18'02"	4 ^h κ14	1°56'	23°20'	9°59'	22° 7'	16°10'	25°40'	28°54'	4°19'	23°14'	22°10'	0°53'	13°15
S 13	13 50 20	29°16'11"	17°10'	3° 9'	24°34'	10°31'	22°18'	16°10'	25°39'	28°53'	4°21'	23°12'	22° 7'	0°59'	13°R15
M14	13 54 17	0 ^h Ω14'18"	0 ^h Y30	4°25'	25°47'	11° 3'	22°28'	16°11'	25°38'	28°52'	4°22'	23° 7'	22° 4'	1° 6'	13°15
T 15	13 58 13	1°12'24"	14°16'	5°43'	27° 1'	11°36'	22°39'	16°11'	25°37'	28°50'	4°23'	22°59'	22° 1'	1°13'	13°15
W16	14 2 10	2°10'28"	28°25'	7° 4'	28°15'	12° 8'	22°50'	16°11'	25°37'	28°49'	4°25'	22°50'	21°57'	1°19'	13°15
T 17	14 6 6	3° 8'30"	12 ^h Ω53	8°27'	29°29'	12°40'	23° 1'	16°12'	25°36'	28°48'	4°26'	22°40'	21°54'	1°26'	13°14
F 18	14 10 3	4° 6'31"	27°33'	9°52'	0 ^h Ω43	13°13'	23°12'	16°13'	25°36'	28°46'	4°27'	22°29'	21°51'	1°33'	13°14
S 19	14 13 59	5° 4'30"	12 ^h η16	11°19'	1°57'	13°45'	23°23'	16°13'	25°35'	28°45'	4°29'	22°20'	21°48'	1°40'	13°14
S 20	14 17 56	6° 2'27"	26°56'	12°48'	3°11'	14°18'	23°34'	16°14'	25°35'	28°44'	4°30'	22°13'	21°45'	1°46'	13°13
M21	14 21 53	7° 0'23"	11 ^h Ω26	14°19'	4°25'	14°50'	23°45'	16°15'	25°35'	28°43'	4°31'	22° 8'	21°42'	1°53'	13°13
T 22	14 25 49	7°58'16"	25°42'	15°53'	5°39'	15°23'	23°56'	16°16'	25°34'	28°41'	4°33'	22° 6'	21°38'	2° 0'	13°12
W23	14 29 46	8°56'08"	9 ^h Ω44	17°28'	6°53'	15°56'	24° 7'	16°18'	25°34'	28°40'	4°34'	22°D 6	21°35'	2° 6'	13°11
T 24	14 33 42	9°53'58"	23°29'	19° 6'	8° 6'	16°29'	24°19'	16°19'	25°34'	28°39'	4°36'	22°R 6	21°32'	2°13'	13°10
F 25	14 37 39	10°51'46"	7 ^h η 0	20°45'	9°20'	17° 2'	24°30'	16°20'	25°34'	28°38'	4°37'	22° 5'	21°29'	2°20'	13°10
S 26	14 41 35	11°49'32"	20°17'	22°27'	10°34'	17°35'	24°42'	16°22'	25°34'	28°37'	4°38'	22° 3'	21°26'	2°26'	13° 9
S 27	14 45 32	12°47'17"	3 ^h Ω22	24°11'	11°48'	18° 8'	24°53'	16°23'	25°D34	28°36'	4°40'	21°58'	21°22'	2°33'	13° 8
M28	14 49 28	13°45'00"	16°16'	25°57'	13° 2'	18°41'	25° 5'	16°25'	25°34'	28°35'	4°41'	21°50'	21°19'	2°40'	13° 6
T 29	14 53 25	14°42'41"	28°59'	27°45'	14°15'	19°15'	25°17'	16°27'	25°34'	28°34'	4°42'	21°39'	21°16'	2°46'	13° 5
W30	14 57 22	15 ^h Ω40'21"	11 ^h η31	29 ^h Y35	15 ^h Ω29	19 ^h Ω48	25 ^h η29	16 ^h Ω29	25 ^h Ω34	28 ^h η33	4 ^h Ω44	21 ^h Ω27	21 ^h Ω13	2 ^h Ω53	13 ^h Ω 4

Delta T = 16m26s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1124

MAY 1124 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	15 1 18	16♁38'00	23♂52	1827	16♁43	20♁22	25♂40	16♂31	25♂34	28°R32	4♁45	21°R13	21♂10	3♁0	13°R 3	
F 2	15 5 15	17°35'37	6♁ 3	3°21	17°57	20°55	25°52	16°33	25°35	28♂31	4°46	21♂0	21° 7	3° 7	13♁1	
S 3	15 9 11	18°33'14	18° 6	5°17	19°10	21°29	26° 4	16°35	25°35	28°30	4°48	20°48	21° 3	3°13	13° 0	
S 4	15 13 8	19°30'49	0♁ 1	7°15	20°24	22° 2	26°16	16°37	25°35	28°29	4°49	20°39	21° 0	3°20	12°58	
M 5	15 17 4	20°28'23	11°51	9°15	21°38	22°36	26°29	16°40	25°36	28°28	4°50	20°32	20°57	3°27	12°57	
T 6	15 21 1	21°25'56	23°40	11°17	22°52	23°10	26°41	16°42	25°36	28°27	4°52	20°27	20°54	3°33	12°55	
W 7	15 24 57	22°23'28	5♁32	13°21	24° 6	23°44	26°53	16°45	25°37	28°26	4°53	20°26	20°51	3°40	12°53	
T 8	15 28 54	23°20'59	17°32	15°26	25°19	24°18	27° 5	16°48	25°37	28°25	4°54	20°25	20°48	3°47	12°52	
F 9	15 32 51	24°18'29	29°46	17°33	26°33	24°52	27°18	16°50	25°38	28°25	4°55	20°25	20°44	3°53	12°50	
S 10	15 36 47	25°15'59	12♁18	19°41	27°47	25°26	27°30	16°53	25°39	28°24	4°57	20°24	20°41	4° 0	12°48	
S 11	15 40 44	26°13'27	25°13	21°51	29° 0	26° 0	27°42	16°56	25°40	28°23	4°58	20°22	20°38	4° 7	12°46	
M12	15 44 40	27°10'55	8♁36	24° 1	0♂14	26°34	27°55	16°59	25°40	28°22	4°59	20°17	20°35	4°13	12°44	
T 13	15 48 37	28° 8'22	22°27	26°13	1°28	27° 8	28° 7	17° 2	25°41	28°22	5° 1	20°10	20°32	4°20	12°42	
W14	15 52 33	29° 5'48	6♁46	28°24	2°42	27°43	28°20	17° 6	25°42	28°21	5° 2	20° 0	20°28	4°27	12°39	
T 15	15 56 30	0♂ 3'14	21°29	0♂36	3°55	28°17	28°33	17° 9	25°43	28°21	5° 3	19°50	20°25	4°33	12°37	
F 16	16 0 26	1° 0'38	6♂27	2°48	5° 9	28°51	28°45	17°13	25°44	28°20	5° 4	19°39	20°22	4°40	12°35	
S 17	16 4 23	1°58'02	21°31	5° 0	6°23	29°26	28°58	17°16	25°45	28°19	5° 6	19°29	20°19	4°47	12°32	
S 18	16 8 20	2°55'25	6♁33	7°11	7°37	0♂ 0	29°11	17°20	25°46	28°19	5° 7	19°22	20°16	4°53	12°30	
M19	16 12 16	3°52'47	21°22	9°21	8°50	0°35	29°24	17°23	25°47	28°18	5° 8	19°17	20°13	5° 0	12°27	
T 20	16 16 13	4°50'07	5♂53	11°30	10° 4	1°10	29°36	17°27	25°49	28°18	5° 9	19°15	20° 9	5° 7	12°25	
W21	16 20 9	5°47'27	20° 2	13°38	11°18	1°45	29°49	17°31	25°50	28°18	5°10	19°D14	20° 6	5°14	12°22	
T 22	16 24 6	6°44'45	3♂50	15°45	12°31	2°19	0♁ 2	17°35	25°51	28°17	5°12	19°R14	20° 3	5°20	12°20	
F 23	16 28 2	7°42'03	17°17	17°49	13°45	2°54	0°15	17°39	25°52	28°17	5°13	19°14	20° 0	5°27	12°17	
S 24	16 31 59	8°39'19	0♁25	19°52	14°59	3°29	0°28	17°43	25°54	28°17	5°14	19°12	19°57	5°34	12°14	
S 25	16 35 55	9°36'35	13°17	21°53	16°12	4° 4	0°41	17°47	25°55	28°16	5°15	19° 8	19°54	5°40	12°11	
M26	16 39 52	10°33'49	25°56	23°52	17°26	4°39	0°54	17°52	25°57	28°16	5°16	19° 1	19°50	5°47	12° 8	
T 27	16 43 49	11°31'03	8♂23	25°49	18°40	5°14	1° 7	17°56	25°58	28°16	5°17	18°52	19°47	5°54	12° 5	
W28	16 47 45	12°28'16	20°40	27°43	19°53	5°49	1°20	18° 0	26° 0	28°16	5°19	18°41	19°44	6° 0	12° 2	
T 29	16 51 42	13°25'29	2♁49	29°36	21° 7	6°24	1°33	18° 5	26° 2	28°15	5°20	18°29	19°41	6° 7	11°59	
F 30	16 55 38	14°22'41	14°51	1♁26	22°21	7° 0	1°47	18°10	26° 3	28°15	5°21	18°18	19°38	6°14	11°56	
S 31	16 59 35	15♂19'53	26♁46	3♁14	23♂34	7♂35	2♁ 0	18♂14	26♂ 5	28♂15	5♁22	18♂ 7	19♂34	6♁20	11♁53	

Delta T = 16m26s

Julian Calendar 1 May 1124 == Greg. Calendar 8 May 1124

JUNE 1124 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	17 3 31	16♂17'04	8♁37	4♁59	24♂48	8♂10	2♁13	18♂19	26♂ 7	28°R15	5♁23	17°R59	19♂31	6♁27	11°R50	
M 2	17 7 28	17°14'15	20°26	6°42	26° 2	8°46	2°26	18°24	26° 9	28♂15	5°24	17♂53	19°28	6°34	11♁47	
T 3	17 11 24	18°11'26	2♁15	8°23	27°15	9°21	2°40	18°29	26°11	28°D15	5°25	17°49	19°25	6°40	11°44	
W 4	17 15 21	19° 8'37	14° 8	10° 2	28°29	9°57	2°53	18°34	26°13	28°15	5°26	17°D48	19°22	6°47	11°40	
T 5	17 19 18	20° 5'47	26° 9	11°38	29°42	10°32	3° 6	18°39	26°15	28°15	5°27	17°48	19°19	6°54	11°37	
F 6	17 23 14	21° 2'57	8♁22	13°12	0♁56	11° 8	3°19	18°44	26°17	28°15	5°28	17°49	19°15	7° 0	11°34	
S 7	17 27 11	22° 0'08	20°53	14°43	2°10	11°43	3°33	18°49	26°19	28°15	5°29	17°R50	19°12	7° 7	11°30	
S 8	17 31 7	22°57'18	3♁46	16°12	3°23	12°19	3°46	18°54	26°21	28°16	5°30	17°49	19° 9	7°14	11°27	
M 9	17 35 4	23°54'29	17° 5	17°39	4°37	12°55	3°59	19° 0	26°23	28°16	5°31	17°47	19° 6	7°21	11°24	
T 10	17 39 0	24°51'40	0♁52	19° 3	5°51	13°31	4°13	19° 5	26°25	28°16	5°32	17°42	19° 3	7°27	11°20	
W11	17 42 57	25°48'51	15° 9	20°24	7° 4	14° 7	4°26	19°10	26°27	28°16	5°33	17°36	19° 0	7°34	11°17	
T 12	17 46 53	26°46'02	29°51	21°44	8°18	14°43	4°40	19°16	26°30	28°16	5°34	17°29	18°56	7°41	11°13	
F 13	17 50 50	27°43'13	14♂54	23° 0	9°31	15°18	4°53	19°22	26°32	28°17	5°35	17°22	18°53	7°47	11°10	
S 14	17 54 47	28°40'25	0♁ 7	24°14	10°45	15°54	5° 7	19°27	26°34	28°17	5°36	17°15	18°50	7°54	11° 6	
S 15	17 58 43	29°37'36	15°20	25°25	11°59	16°31	5°20	19°33	26°37	28°17	5°37	17°10	18°47	8° 1	11° 3	
M16	18 2 40	0♁34'48	0♂24	26°34	13°12	17° 7	5°33	19°39	26°39	28°18	5°37	17° 7	18°44	8° 7	10°59	
T 17	18 6 36	1°31'59	15° 9	27°40	14°26	17°43	5°47	19°44	26°42	28°18	5°38	17°D 6	18°40	8°14	10°55	
W18	18 10 33	2°29'10	29°31	28°43	15°40	18°19	6° 0	19°50	26°44	28°19	5°39	17° 6	18°37	8°21	10°52	
T 19	18 14 29	3°26'21	13♂28	29°42	16°53	18°55	6°14	19°56	26°47	28°19	5°40	17° 7	18°34	8°27	10°48	
F 20	18 18 26	4°23'32	27° 0	0♂39	18° 7	19°32	6°27	20° 2	26°49	28°20	5°41	17° 8	18°31	8°34	10°45	
S 21	18 22 23	5°20'43	10♁ 8	1°33	19°20	20° 8	6°41	20° 8	26°52	28°20	5°42	17°R 8	18°28	8°41	10°41	
S 22	18 26 19	6°17'54	22°56	2°23	20°34	20°44	6°54	20°14	26°55	28°21	5°42	17° 7	18°25	8°47	10°37	
M23	18 30 16	7°15'04	5♂28	3°10	21°48	21°21	7° 8	20°21	26°57	28°22	5°43	17° 4	18°21	8°54	10°34	
T 24	18 34 12	8°12'15	17°46	3°53	23° 1	21°57	7°21	20°27	27° 0	28°22	5°44	16°59	18°18	9° 1	10°30	
W25	18 38 9	9° 9'26	29°53	4°32	24°15	22°34	7°35	20°33	27° 3	28°23	5°44	16°53	18°15	9° 7	10°26	
T 26	18 42 5	10° 6'38	11♁53	5° 8	25°28	23°11	7°48	20°39	27° 6	28°24	5°45	16°47	18°12	9°14	10°23	
F 27	18 46 2	11° 3'49	23°47	5°39	26°42	23°47	8° 1	20°46	27° 9	28°25	5°46	16°40	18° 9	9°21	10°19	
S 28	18 49 58	12° 1'01	5♁38	6° 6	27°55	24°24	8°15	20°52	27°11	28°25	5°46	16°35	18° 6	9°27	10°15	
S 29	18 53 55	12°58'14	17°28	6°29	29° 9	25° 1	8°28	20°59	27°14	28°26	5°47	16°30	18° 2	9°34	10°12	
M30	18 57 52	13♁55'27	29♁18	6♂48	0♂23	25♂37	8♁24	21♂ 5	27♂17	28♂27	5♁48	16♂27	17♂59	9♁41	10♁ 8	

Delta T = 16m25s

Julian Calendar

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SWISS EPHEMERIS for the year 1124

JULY 1124 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
T 1	19 1 48	14 ⁵² 2'41	11 ¹¹ 11	7 ¹² 2	1 ¹⁰ 36	26 ¹⁴ 14	8 ⁵⁵ 55	21 ¹² 12	27 ²⁰ 20	28 ²⁸ 28	5 ⁴⁸ 48	16 ²⁶ 26	17 ⁵⁶ 56	9 ⁴⁷ 47	10 ^R 4	
W 2	19 5 45	15 ⁴⁹ 5'55	23 ⁹ 9	7 ¹¹ 11	2 ⁵⁰ 50	26 ⁵¹ 51	9 ⁹ 9	21 ¹⁸ 18	27 ²³ 23	28 ²⁹ 29	5 ⁴⁹ 49	16 ²⁶ 26	17 ⁵³ 53	9 ⁵⁴ 54	10 ^R 1	
T 3	19 9 41	16 ⁴⁷ 10	5 ¹⁵ 15	7 ^R 15	4 ³ 3	27 ²⁸ 28	9 ²² 22	21 ²⁵ 25	27 ²⁶ 26	28 ³⁰ 30	5 ⁴⁹ 49	16 ²⁷ 27	17 ⁵⁰ 50	10 ¹ 1	9 ⁵⁷ 57	
F 4	19 13 38	17 ⁴⁴ 26	17 ³³ 33	7 ¹⁵ 15	5 ¹⁷ 17	28 ⁵ 5	9 ³⁵ 35	21 ³² 32	27 ²⁹ 29	28 ³¹ 31	5 ⁵⁰ 50	16 ²⁹ 29	17 ⁴⁶ 46	10 ⁷ 7	9 ⁵³ 53	
S 5	19 17 34	18 ⁴¹ 43	0 ⁷ 7	7 ⁹ 9	6 ³⁰ 30	28 ⁴² 42	9 ⁴⁹ 49	21 ³⁸ 38	27 ³³ 33	28 ³² 32	5 ⁵¹ 51	16 ³⁰ 30	17 ⁴³ 43	10 ¹⁴ 14	9 ⁵⁰ 50	
S 6	19 21 31	19 ³⁹ 00	13 ⁰ 0	6 ⁵⁸ 58	7 ⁴⁴ 44	29 ¹⁹ 19	10 ² 2	21 ⁴⁵ 45	27 ³⁶ 36	28 ³³ 33	5 ⁵¹ 51	16 ³¹ 31	17 ⁴⁰ 40	10 ²¹ 21	9 ⁴⁶ 46	
M 7	19 25 27	20 ³⁶ 19	26 ¹⁵ 15	6 ⁴³ 43	8 ⁵⁷ 57	29 ⁵⁶ 56	10 ¹⁵ 15	21 ⁵² 52	27 ³⁹ 39	28 ³⁴ 34	5 ⁵² 52	16 ^R 31	17 ³⁷ 37	10 ²⁷ 27	9 ⁴³ 43	
T 8	19 29 24	21 ³³ 39	9 ⁵⁶ 56	6 ²² 22	10 ¹¹ 11	0 ³⁴ 34	10 ²⁹ 29	21 ⁵⁹ 59	27 ⁴² 42	28 ³⁵ 35	5 ⁵² 52	16 ³⁰ 30	17 ³⁴ 34	10 ³⁴ 34	9 ³⁹ 39	
W 9	19 33 21	22 ³¹ 00	24 ² 2	5 ⁵⁷ 57	11 ²⁴ 24	1 ¹¹ 11	10 ⁴² 42	22 ⁶ 6	27 ⁴⁵ 45	28 ³⁶ 36	5 ⁵² 52	16 ²⁸ 28	17 ³¹ 31	10 ⁴¹ 41	9 ³⁶ 36	
T 10	19 37 17	23 ²⁸ 22	8 ³⁴ 34	5 ²⁷ 27	12 ³⁸ 38	1 ⁴⁸ 48	10 ⁵⁵ 55	22 ¹³ 13	27 ⁴⁹ 49	28 ³⁷ 37	5 ⁵³ 53	16 ²⁵ 25	17 ²⁷ 27	10 ⁴⁸ 48	9 ³² 32	
F 11	19 41 14	24 ²⁵ 45	2 ²⁶ 26	4 ⁵⁴ 54	13 ⁵¹ 51	2 ²⁵ 25	11 ⁹ 9	22 ²⁰ 20	27 ⁵² 52	28 ³⁸ 38	5 ⁵³ 53	16 ²² 22	17 ²⁴ 24	10 ⁵⁴ 54	9 ²⁹ 29	
S 12	19 45 10	25 ²³ 10	8 ³² 32	4 ¹⁶ 16	15 ⁵ 5	3 ³ 3	11 ²² 22	22 ²⁷ 27	27 ⁵⁵ 55	28 ⁴⁰ 40	5 ⁵⁴ 54	16 ²⁰ 20	17 ²¹ 21	11 ¹ 1	9 ²⁵ 25	
S 13	19 49 7	26 ²⁰ 35	23 ⁴² 42	3 ³⁵ 35	16 ¹⁸ 18	3 ⁴⁰ 40	11 ³⁵ 35	22 ³⁴ 34	27 ⁵⁸ 58	28 ⁴¹ 41	5 ⁵⁴ 54	16 ¹⁸ 18	17 ¹⁸ 18	11 ⁸ 8	9 ²² 22	
M 14	19 53 3	27 ¹⁸ 01	8 ⁴⁸ 48	2 ⁵² 52	17 ³² 32	4 ¹⁸ 18	11 ⁴⁸ 48	22 ⁴¹ 41	28 ² 2	28 ⁴² 42	5 ⁵⁴ 54	16 ¹⁷ 17	17 ¹⁵ 15	11 ¹⁴ 14	9 ¹⁸ 18	
T 15	19 57 0	28 ¹⁵ 28	23 ⁴⁰ 40	2 ⁷ 7	18 ⁴⁵ 45	4 ⁵⁵ 55	12 ² 2	22 ⁴⁸ 48	28 ⁵ 5	28 ⁴³ 43	5 ⁵⁵ 55	16 ^D 17	17 ¹¹ 11	11 ²¹ 21	9 ¹⁵ 15	
W 16	20 0 56	29 ¹² 56	8 ¹¹ 11	1 ²¹ 21	19 ⁵⁹ 59	5 ³³ 33	12 ¹⁵ 15	22 ⁵⁵ 55	28 ⁹ 9	28 ⁴⁵ 45	5 ⁵⁵ 55	16 ¹⁸ 18	17 ⁸ 8	11 ²⁸ 28	9 ¹² 12	
T 17	20 4 53	0 ¹⁰ 25	22 ¹⁷ 17	0 ³⁴ 34	21 ¹² 12	6 ¹⁰ 10	12 ²⁸ 28	23 ² 2	28 ¹² 12	28 ⁴⁶ 46	5 ⁵⁵ 55	16 ¹⁹ 19	17 ⁵ 5	11 ³⁴ 34	9 ⁸ 8	
F 18	20 8 50	1 ⁷ 55	5 ⁵⁷ 57	29 ⁴⁸ 48	22 ²⁶ 26	6 ⁴⁸ 48	12 ⁴¹ 41	23 ⁹ 9	28 ¹⁵ 15	28 ⁴⁷ 47	5 ⁵⁶ 56	16 ²⁰ 20	17 ² 2	11 ⁴¹ 41	9 ⁵ 5	
S 19	20 12 46	2 ⁵ 25	19 ¹¹ 11	29 ³ 3	23 ³⁹ 39	7 ²⁶ 26	12 ⁵⁴ 54	23 ¹⁷ 17	28 ¹⁹ 19	28 ⁴⁹ 49	5 ⁵⁶ 56	16 ²¹ 21	16 ⁵⁹ 59	11 ⁴⁸ 48	9 ² 2	
S 20	20 16 43	3 ² 56	2 ¹¹ 11	28 ²¹ 21	24 ⁵² 52	8 ⁴ 4	13 ⁷ 7	23 ²⁴ 24	28 ²² 22	28 ⁵⁰ 50	5 ⁵⁶ 56	16 ^R 21	16 ⁵⁶ 56	11 ⁵⁴ 54	8 ⁵⁹ 59	
M 21	20 20 39	4 ⁰ 28	14 ³² 32	27 ⁴¹ 41	26 ⁶ 6	8 ⁴¹ 41	13 ²⁰ 20	23 ³¹ 31	28 ²⁶ 26	28 ⁵² 52	5 ⁵⁶ 56	16 ²¹ 21	16 ⁵² 52	12 ¹ 1	8 ⁵⁵ 55	
T 22	20 24 36	4 ⁵⁸ 01	26 ⁴⁷ 47	27 ⁶ 6	27 ¹⁹ 19	9 ¹⁹ 19	13 ³³ 33	23 ³⁸ 38	28 ²⁹ 29	28 ⁵³ 53	5 ⁵⁶ 56	16 ²⁰ 20	16 ⁴⁹ 49	12 ⁸ 8	8 ⁵² 52	
W 23	20 28 32	5 ⁵⁵ 35	8 ⁵⁰ 50	26 ³⁵ 35	28 ³³ 33	9 ⁵⁷ 57	13 ⁴⁶ 46	23 ⁴⁶ 46	28 ³³ 33	28 ⁵⁴ 54	5 ⁵⁷ 57	16 ¹⁹ 19	16 ⁴⁶ 46	12 ¹⁴ 14	8 ⁴⁹ 49	
T 24	20 32 29	6 ⁵³ 11	20 ⁴⁵ 45	26 ¹⁰ 10	29 ⁴⁶ 46	10 ³⁵ 35	13 ⁵⁹ 59	23 ⁵³ 53	28 ³⁶ 36	28 ⁵⁶ 56	5 ⁵⁷ 57	16 ¹⁸ 18	16 ⁴³ 43	12 ²¹ 21	8 ⁴⁶ 46	
F 25	20 36 25	7 ⁵⁰ 47	2 ³⁶ 36	25 ⁵⁰ 50	0 ⁵⁹ 59	11 ¹³ 13	14 ¹² 12	24 ⁰ 0	28 ⁴⁰ 40	28 ⁵⁸ 58	5 ⁵⁷ 57	16 ¹⁶ 16	16 ⁴⁰ 40	12 ²⁸ 28	8 ⁴³ 43	
S 26	20 40 22	8 ⁴⁸ 24	14 ²⁵ 25	25 ³⁷ 37	2 ¹³ 13	11 ⁵¹ 51	14 ²⁴ 24	24 ⁸ 8	28 ⁴⁴ 44	28 ⁵⁹ 59	5 ⁵⁷ 57	16 ¹⁵ 15	16 ³⁷ 37	12 ³⁴ 34	8 ⁴⁰ 40	
S 27	20 44 19	9 ⁴⁶ 03	26 ¹⁶ 16	25 ^D 31	3 ²⁶ 26	12 ²⁹ 29	14 ³⁷ 37	24 ¹⁵ 15	28 ⁴⁷ 47	29 ¹ 1	5 ⁵⁷ 57	16 ¹⁵ 15	16 ³³ 33	12 ⁴¹ 41	8 ³⁷ 37	
M 28	20 48 15	10 ⁴³ 42	8 ¹¹ 11	25 ³² 32	4 ³⁹ 39	13 ⁷ 7	14 ⁵⁰ 50	24 ²³ 23	28 ⁵¹ 51	29 ² 2	5 ⁵⁷ 57	16 ¹⁴ 14	16 ³⁰ 30	12 ⁴⁸ 48	8 ³⁵ 35	
T 29	20 52 12	11 ⁴¹ 23	20 ¹² 12	25 ⁴⁰ 40	5 ⁵³ 53	13 ⁴⁶ 46	15 ³ 3	24 ³⁰ 30	28 ⁵⁴ 54	29 ⁴ 4	5 ⁵⁷ 57	16 ^D 14	16 ²⁷ 27	12 ⁵⁴ 54	8 ³² 32	
W 30	20 56 8	12 ³⁹ 06	2 ¹² 12	25 ⁵⁵ 55	7 ⁶ 6	14 ²⁴ 24	15 ¹⁵ 15	24 ³⁷ 37	28 ⁵⁸ 58	29 ⁶ 6	5 ^R 57	16 ¹⁵ 16	16 ²⁴ 24	13 ¹ 1	8 ²⁹ 29	
T 31	21 0 5	13 ³⁶ 50	14 ¹³ 13	26 ¹⁸ 18	8 ¹⁹ 19	15 ¹² 12	15 ²⁸ 28	24 ⁴⁵ 45	29 ¹² 12	29 ⁷ 7	5 ^R 57	16 ¹⁵ 16	16 ²¹ 21	13 ⁸ 8	8 ²⁶ 26	

Delta T = 16m25s Julian Calendar 1 July 1124 == Greg. Calendar 8 July 1124

AUGUST 1124 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
F 1	21 4 1	14 ³⁴ 35	27 ¹¹ 9	26 ⁴⁹ 49	9 ³² 32	15 ⁴⁰ 40	15 ⁴⁰ 40	24 ⁵² 52	29 ¹² 12	29 ⁹ 9	5 ^R 57	16 ¹⁵ 16	16 ¹⁷ 17	13 ¹⁴ 14	8 ^R 24	
S 2	21 7 58	15 ³² 22	9 ⁵³ 53	27 ²⁷ 27	10 ⁴⁶ 46	16 ¹⁹ 19	15 ⁵³ 53	25 ⁰ 0	29 ⁹ 9	29 ¹¹ 11	5 ^R 57	16 ¹⁵ 16	16 ¹⁴ 14	13 ²¹ 21	8 ^R 21	
S 3	21 11 54	16 ³⁰ 11	22 ⁵⁴ 54	28 ¹³ 13	11 ⁵⁹ 59	16 ⁵⁷ 57	16 ⁵ 5	25 ⁷ 7	29 ¹³ 13	29 ¹² 12	5 ⁵⁷ 57	16 ^R 15	16 ¹¹ 16	13 ²⁸ 28	8 ¹⁹ 19	
M 4	21 15 51	17 ²⁸ 02	6 ¹¹ 11	29 ⁵ 5	13 ¹² 12	17 ³⁶ 36	16 ¹⁸ 18	25 ¹⁵ 15	29 ¹⁶ 16	29 ¹⁴ 14	5 ⁵⁷ 57	16 ¹⁵ 16	16 ⁸ 16	13 ³⁴ 34	8 ¹⁶ 16	
T 5	21 19 48	18 ²⁵ 54	19 ⁴⁸ 48	0 ¹² 12	14 ²⁵ 25	18 ¹⁴ 14	16 ³⁰ 30	25 ²² 22	29 ²⁰ 20	29 ¹⁶ 16	5 ⁵⁷ 57	16 ^D 15	16 ⁵ 16	13 ⁴¹ 41	8 ¹⁴ 14	
W 6	21 23 44	19 ²³ 49	3 ¹¹ 11	1 ¹¹ 11	15 ³⁸ 38	18 ⁵³ 53	16 ⁴² 42	25 ³⁰ 30	29 ²⁴ 24	29 ¹⁸ 18	5 ⁵⁷ 57	16 ¹⁵ 16	16 ² 16	13 ⁴⁸ 48	8 ¹¹ 11	
T 7	21 27 41	20 ²¹ 45	18 ² 2	2 ²⁴ 24	16 ⁵² 52	19 ³¹ 31	16 ⁵⁵ 55	25 ³⁷ 37	29 ²⁸ 28	29 ²⁰ 20	5 ⁵⁶ 56	16 ¹⁵ 16	15 ⁵⁸ 58	13 ⁵⁴ 54	8 ⁹ 9	
F 8	21 31 37	21 ¹⁹ 44	2 ³⁵ 35	3 ⁴² 42	18 ⁵ 5	20 ¹⁰ 10	17 ⁷ 7	25 ⁴⁵ 45	29 ³¹ 31	29 ²¹ 21	5 ⁵⁶ 56	16 ¹⁶ 16	15 ⁵⁵ 55	14 ¹ 14	8 ⁷ 7	
S 9	21 35 34	22 ¹⁷ 44	17 ²² 22	5 ⁶ 6	19 ¹⁸ 18	20 ⁴⁹ 49	17 ¹⁹ 19	25 ⁵² 52	29 ³⁵ 35	29 ²³ 23	5 ⁵⁶ 56	16 ¹⁶ 16	15 ⁵² 52	14 ⁸ 14	8 ⁵ 5	
S 10	21 39 30	23 ¹⁵ 46	2 ¹⁵ 15	6 ³⁵ 35	20 ³¹ 31	21 ²⁸ 28	17 ³¹ 31	26 ⁰ 0	29 ³⁹ 39	29 ²⁵ 25	5 ⁵⁶ 56	16 ¹⁷ 16	15 ⁴⁹ 49	14 ¹⁴ 14	8 ³ 3	
M 11	21 43 27	24 ¹³ 49	17 ⁷ 7	8 ⁹ 9	21 ⁴⁴ 44	22 ⁶ 6	17 ⁴³ 43	26 ⁸ 8	29 ⁴³ 43	29 ²⁷ 27	5 ⁵⁶ 56	16 ^R 17	15 ⁴⁶ 46	14 ²¹ 21	8 ¹ 1	
T 12	21 47 23	25 ¹¹ 55	1 ¹² 12	9 ⁴⁷ 47	22 ⁵⁷ 57	22 ⁴⁵ 45	17 ⁵⁵ 55	26 ¹⁵ 15	29 ⁴⁶ 46	29 ²⁹ 29	5 ⁵⁵ 55	16 ¹⁷ 16	15 ⁴³ 43	14 ²⁸ 28	7 ⁵⁹ 59	
W 13	21 51 20	26 ¹⁰ 02	16 ²¹ 21	11 ²⁹ 29	24 ¹⁰ 10	23 ²⁴ 24	18 ⁷ 7	26 ²³ 23	29 ⁵⁰ 50	29 ³¹ 31	5 ⁵⁵ 55	16 ¹⁶ 16	15 ³⁹ 39	14 ³⁴ 34	7 ⁵⁷ 57	
T 14	21 55 17	27 ⁸ 10	0 ³⁰ 30	13 ¹³ 13	25 ²³ 23	24 ³ 3	18 ¹⁹ 19	26 ³⁰ 30	29 ⁵⁴ 54	29 ³³ 33	5 ⁵⁵ 55	16 ¹⁵ 16	15 ³⁶ 36	14 ⁴¹ 41	7 ⁵⁵ 55	
F 15	21 59 13	28 ⁶ 20	14 ¹⁴ 14	15 ¹ 1	26 ³⁶ 36	24 ⁴² 42	18 ³¹ 31	26 ³⁸ 38	29 ⁵⁸ 58	29 ³⁵ 35	5 ⁵⁴ 54	16 ¹³ 16	15 ³³ 33	1		

SWISS EPHEMERIS for the year 1124

SEPTEMBER 1124 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
M 1	23 6 14	14♐39'27	16♉39	16♐54	17♌15	5♌54	21♉39	28♌45	1♐ 1	0♌10	5°R46	15°R55	14♌39	16♉41	7°R34									
T 2	23 10 11	15°38'10	0♐22	18°42	18°27	6°34	21°49	28°52	1° 5	0°12	5♉45	15♌53	14°36	16°48	7♉34									
W 3	23 14 8	16°36'55	14°16	20°29	19°40	7°14	21°59	29° 0	1° 9	0°14	5°45	15°D52	14°33	16°54	7°33									
T 4	23 18 4	17°35'42	28°22	22°14	20°52	7°54	22° 9	29° 7	1°12	0°17	5°44	15°53	14°29	17° 1	7°33									
F 5	23 22 1	18°34'32	12♉38	23°59	22° 5	8°34	22°19	29°14	1°16	0°19	5°43	15°54	14°26	17° 8	7°33									
S 6	23 25 57	19°33'24	27° 1	25°43	23°17	9°14	22°29	29°22	1°19	0°21	5°43	15°55	14°23	17°14	7°33									
S 7	23 29 54	20°32'19	11♌29	27°25	24°30	9°54	22°39	29°29	1°23	0°23	5°42	15°R56	14°20	17°21	7°D33									
M 8	23 33 50	21°31'15	25°58	29° 7	25°42	10°35	22°49	29°36	1°27	0°25	5°41	15°56	14°17	17°28	7°33									
T 9	23 37 47	22°30'14	10♐22	0♌48	26°55	11°15	22°58	29°43	1°30	0°28	5°40	15°54	14°14	17°34	7°33									
W10	23 41 43	23°29'15	24°36	2°28	28° 7	11°55	23° 8	29°50	1°34	0°30	5°40	15°50	14°10	17°41	7°33									
T 11	23 45 40	24°28'18	8♌35	4° 7	29°20	12°36	23°17	29°58	1°37	0°32	5°39	15°45	14° 7	17°47	7°33									
F 12	23 49 37	25°27'23	22°14	5°46	0♐32	13°16	23°27	0♐ 5	1°41	0°34	5°38	15°38	14° 4	17°54	7°34									
S 13	23 53 33	26°26'29	5♐32	7°23	1°44	13°57	23°36	0°12	1°44	0°37	5°37	15°31	14° 1	18° 1	7°34									
S 14	23 57 30	27°25'38	18°28	9° 0	2°56	14°37	23°45	0°19	1°48	0°39	5°36	15°25	13°58	18° 7	7°35									
M15	0 1 26	28°24'49	1♌ 3	10°35	4° 9	15°18	23°54	0°26	1°51	0°41	5°35	15°20	13°54	18°14	7°35									
T 16	0 5 23	29°24'01	13°19	12°10	5°21	15°59	24° 3	0°33	1°55	0°43	5°35	15°17	13°51	18°21	7°36									
W17	0 9 19	0♌23'16	25°22	13°45	6°33	16°39	24°11	0°40	1°58	0°45	5°34	15°D15	13°48	18°27	7°37									
T 18	0 13 16	1°22'32	7♉15	15°18	7°45	17°20	24°20	0°46	2° 2	0°48	5°33	15°15	13°45	18°34	7°37									
F 19	0 17 12	2°21'50	19° 5	16°51	8°57	18° 1	24°28	0°53	2° 5	0°50	5°32	15°16	13°42	18°41	7°38									
S 20	0 21 9	3°21'10	0♌55	18°23	10° 9	18°42	24°37	1° 0	2° 8	0°52	5°31	15°18	13°39	18°47	7°39									
S 21	0 25 6	4°20'31	12°51	19°54	11°21	19°23	24°45	1° 7	2°12	0°54	5°30	15°R18	13°35	18°54	7°40									
M22	0 29 2	5°19'55	24°58	21°24	12°33	20° 4	24°53	1°14	2°15	0°57	5°29	15°18	13°32	19° 1	7°42									
T 23	0 32 59	6°19'20	7♌19	22°54	13°45	20°45	25° 1	1°20	2°18	0°59	5°28	15°15	13°29	19° 7	7°43									
W24	0 36 55	7°18'48	19°56	24°23	14°57	21°26	25° 9	1°27	2°22	1° 1	5°27	15°11	13°26	19°14	7°44									
T 25	0 40 52	8°18'17	2♐52	25°51	16° 9	22° 7	25°16	1°33	2°25	1° 3	5°26	15° 4	13°23	19°21	7°45									
F 26	0 44 48	9°17'48	16° 5	27°18	17°21	22°49	25°24	1°40	2°28	1° 6	5°25	14°55	13°20	19°27	7°47									
S 27	0 48 45	10°17'21	29°33	28°45	18°33	23°30	25°31	1°46	2°31	1° 8	5°24	14°45	13°16	19°34	7°48									
S 28	0 52 41	11°16'57	13♉16	0♐11	19°44	24°11	25°38	1°53	2°34	1°10	5°23	14°36	13°13	19°41	7°50									
M29	0 56 38	12°16'35	27° 8	1°36	20°56	24°52	25°45	1°59	2°38	1°12	5°22	14°28	13°10	19°47	7°52									
T 30	1 0 34	13♌16'15	11♐ 8	3♐ 0	22♐ 8	25♌34	25♉52	2♐ 6	2♐41	1♌14	5♉21	14♌21	13♌ 7	19♉54	7♉53									

Delta T = 16m24s Julian Calendar 1 Sept. 1124 == Greg. Calendar 8 Sept. 1124

OCTOBER 1124 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
W 1	1 4 31	14♌15'58	25♐12	4♐23	23♐19	26♌15	25♉59	2♐12	2♐44	1♌17	5°R20	14°R17	13♌ 4	20♉ 1	7♉55									
T 2	1 8 28	15°15'42	9♉18	5°46	24°31	26°57	26° 6	2°18	2°47	1°19	5♉19	14°D16	13° 0	20° 7	7°57									
F 3	1 12 24	16°15'30	23°24	7° 7	25°42	27°39	26°12	2°24	2°50	1°21	5°18	14♌16	12°57	20°14	7°59									
S 4	1 16 21	17°15'19	7♌31	8°28	26°54	28°20	26°19	2°30	2°53	1°23	5°17	14°R16	12°54	20°21	8° 1									
S 5	1 20 17	18°15'11	21°36	9°47	28° 5	29° 2	26°25	2°36	2°56	1°25	5°16	14°16	12°51	20°27	8° 3									
M 6	1 24 14	19°15'05	5♐38	11° 5	29°16	29°44	26°31	2°42	2°59	1°27	5°15	14°14	12°48	20°34	8° 5									
T 7	1 28 10	20°15'01	19°36	12°22	0♌28	0♐26	26°37	2°48	3° 1	1°30	5°14	14°10	12°45	20°41	8° 8									
W 8	1 32 7	21°14'59	3♌25	13°38	1°39	1° 7	26°43	2°54	3° 4	1°32	5°13	14° 3	12°41	20°47	8°10									
T 9	1 36 3	22°14'59	17° 4	14°52	2°50	1°49	26°48	3° 0	3° 7	1°34	5°12	13°53	12°38	20°54	8°12									
F 10	1 40 0	23°15'01	0♐28	16° 4	4° 1	2°31	26°54	3° 6	3°10	1°36	5°10	13°41	12°35	21° 1	8°15									
S 11	1 43 57	24°15'05	13°35	17°15	5°12	3°13	26°59	3°11	3°13	1°38	5° 9	13°29	12°32	21° 7	8°18									
S 12	1 47 53	25°15'11	26°24	18°24	6°23	3°55	27° 4	3°17	3°15	1°40	5° 8	13°17	12°29	21°14	8°20									
M13	1 51 50	26°15'19	8♌56	19°30	7°34	4°38	27° 9	3°23	3°18	1°42	5° 7	13° 6	12°25	21°20	8°23									
T 14	1 55 46	27°15'29	21°11	20°34	8°45	5°20	27°14	3°28	3°20	1°44	5° 6	12°59	12°22	21°27	8°26									
W15	1 59 43	28°15'40	3♉12	21°35	9°56	6° 2	27°18	3°34	3°23	1°46	5° 5	12°53	12°19	21°34	8°28									
T 16	2 3 39	29°15'53	15° 5	22°33	11° 6	6°44	27°23	3°39	3°25	1°48	5° 4	12°51	12°16	21°40	8°31									
F 17	2 7 36	0♐16'07	26°53	23°28	12°17	7°27	27°27	3°44	3°28	1°50	5° 3	12°D50	12°13	21°47	8°34									
S 18	2 11 32	1°16'23	8♌42	24°19	13°28	8° 9	27°31	3°49	3°30	1°53	5° 2	12°R50	12°10	21°54	8°37									
S 19	2 15 29	2°16'40	20°38	25° 6	14°38	8°52	27°35	3°54	3°33	1°55	5° 0	12°50	12° 6	22° 0	8°40									
M20	2 19 26	3°16'59	2♌46	25°47	15°49	9°34	27°38	3°59	3°35	1°56	4°59	12°48	12° 3	22° 7	8°44									
T 21	2 23 22	4°17'19	15°12	26°24	16°59	10°17	27°42	4° 4	3°37	1°58	4°58	12°44	12° 0	22°14	8°47									
W22	2 27 19	5°17'41	27°57	26°54	18° 9	10°59	27°45	4° 9	3°40	2° 0	4°57	12°38	11°57	22°20	8°50									
T 23	2 31 15	6°18'04	11♐ 6	27°18	19°19	11°42	27°48	4°14	3°42	2° 2	4°56	12°29	11°54	22°27	8°53									
F 24	2 35 12	7°18'29	24°38	27°34	20°29	12°25	27°51	4°19	3°44	2° 4	4°55	12°18	11°51	22°34	8°57									
S 25	2 39 8	8°18'55	8♉30	27°R42	21°39	13° 8	27°54	4°24	3°46	2° 6	4°54	12° 5	11°47	22°40	9° 0									
S 26	2 43 5	9°19'24	22°40	27°42	22°49	13°50	27°57	4°28	3°48	2° 8	4°53	11°52	11°44	22°47	9° 4									
M27	2 47 1	10°19'54	7♐ 0	27°32	23°59	14°33	27°59	4°33	3°50	2°10	4°51	11°41	11°41	22°54	9° 7									
T 28	2 50 58	11°20'25	21°26	27°12	25° 9	15°16	28° 1	4°37	3°52	2°12	4°50	11°33	11°38	23° 0	9°11									
W29	2 54 55	12°20'59	5♉51	26°42	26°18	15°59																		

SWISS EPHEMERIS for the year 1124

NOVEMBER 1124 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	3 6 44	15 ^h 22' ^m 50	18 ^h 02' ^m 25	24°R 9	29 ^h 46'	18 ^h 9	28 ^h 8	4 ^h 54'	4 ^h 0	2 ^h 19'	4°R46	11°R23	11 ^h 02' ^m 25	23 ^h 27'	9 ^h 26'
S 2	3 10 41	16°23'31	2 ^h 18'	23 ^h 0	0 ^h 55'	18°52'	28°10'	4°58'	4° 1	2°21'	4 ^h 45'	11 ^h 02'	11°22'	23°34'	9°30'
M 3	3 14 37	17°24'13	16° 2	21°45'	2° 4	19°35'	28°11'	5° 2	4° 3	2°22'	4°44'	11°20'	11°19'	23°40'	9°34'
T 4	3 18 34	18°24'57	29°36'	20°25'	3°13'	20°18'	28°12'	5° 5	4° 5	2°24'	4°43'	11°15'	11°16'	23°47'	9°38'
W 5	3 22 30	19°25'42	13 ^h 0	19° 3	4°22'	21° 2	28°12'	5° 9	4° 6	2°26'	4°41'	11° 7	11°12'	23°54'	9°42'
T 6	3 26 27	20°26'29	26°14'	17°41'	5°30'	21°45'	28°13'	5°13'	4° 8	2°27'	4°40'	10°56'	11° 9	24° 0	9°46'
F 7	3 30 23	21°27'18	9 ^h 16'	16°24'	6°39'	22°29'	28°13'	5°16'	4° 9	2°29'	4°39'	10°43'	11° 6	24° 7	9°51'
S 8	3 34 20	22°28'08	22° 5	15°12'	7°47'	23°12'	28°R13	5°20'	4°11'	2°31'	4°38'	10°29'	11° 3	24°13'	9°55'
S 9	3 38 17	23°28'59	4 ^h 41'	14° 9	8°55'	23°56'	28°13'	5°23'	4°12'	2°32'	4°37'	10°15'	11° 0	24°20'	9°59'
M10	3 42 13	24°29'51	17° 3	13°15'	10° 3	24°39'	28°13'	5°26'	4°13'	2°34'	4°36'	10° 4	10°57'	24°27'	10° 3
T 11	3 46 10	25°30'45	29°12'	12°32'	11°11'	25°23'	28°12'	5°29'	4°15'	2°35'	4°35'	9°54'	10°53'	24°33'	10° 8
W12	3 50 6	26°31'40	11 ^h 10'	12° 1	12°19'	26° 7	28°11'	5°32'	4°16'	2°37'	4°34'	9°48'	10°50'	24°40'	10°12'
T 13	3 54 3	27°32'35	23° 0	11°41'	13°26'	26°51'	28°11'	5°35'	4°17'	2°38'	4°33'	9°44'	10°47'	24°47'	10°17'
F 14	3 57 59	28°33'31	4 ^h 47'	11°D32	14°34'	27°34'	28° 9	5°38'	4°18'	2°40'	4°32'	9°D43	10°44'	24°53'	10°21'
S 15	4 1 56	29°34'29	16°34'	11°34'	15°41'	28°18'	28° 8	5°41'	4°19'	2°41'	4°31'	9°43'	10°41'	25° 0	10°26'
S 16	4 5 53	0 ^h 35'26	28°28'	11°46'	16°48'	29° 2	28° 7	5°43'	4°20'	2°42'	4°30'	9°R43	10°37'	25° 7	10°30'
M17	4 9 49	1°36'25	10 ^h 34'	12° 8	17°55'	29°46'	28° 5	5°46'	4°21'	2°44'	4°29'	9°43'	10°34'	25°13'	10°35'
T 18	4 13 46	2°37'24	22°57'	12°37'	19° 1	0 ^h 30'	28° 3	5°48'	4°22'	2°45'	4°28'	9°41'	10°31'	25°20'	10°40'
W19	4 17 42	3°38'24	5 ^h 43'	13°14'	20° 8	1°14'	28° 1	5°51'	4°23'	2°47'	4°27'	9°36'	10°28'	25°27'	10°44'
T 20	4 21 39	4°39'25	18°54'	13°58'	21°14'	1°58'	27°59'	5°53'	4°24'	2°48'	4°26'	9°29'	10°25'	25°33'	10°49'
F 21	4 25 35	5°40'26	2 ^h 33'	14°48'	22°20'	2°43'	27°56'	5°55'	4°24'	2°49'	4°25'	9°20'	10°22'	25°40'	10°54'
S 22	4 29 32	6°41'28	16°38'	15°43'	23°25'	3°27'	27°53'	5°57'	4°25'	2°50'	4°24'	9°10'	10°18'	25°47'	10°59'
S 23	4 33 28	7°42'31	1 ^h 11'	16°42'	24°31'	4°11'	27°50'	5°59'	4°26'	2°51'	4°23'	9° 0	10°15'	25°53'	11° 4
M24	4 37 25	8°43'34	15°50'	17°45'	25°36'	4°55'	27°47'	6° 1	4°26'	2°53'	4°22'	8°50'	10°12'	26° 0	11° 9
T 25	4 41 22	9°44'38	0 ^h 42'	18°52'	26°41'	5°40'	27°44'	6° 2	4°27'	2°54'	4°21'	8°43'	10° 9	26° 7	11°14'
W26	4 45 18	10°45'43	15°34'	20° 2	27°45'	6°24'	27°41'	6° 4	4°27'	2°55'	4°21'	8°38'	10° 6	26°13'	11°19'
T 27	4 49 15	11°46'49	0 ^h 17'	21°14'	28°49'	7° 9	27°37'	6° 6	4°27'	2°56'	4°20'	8°36'	10° 3	26°20'	11°24'
F 28	4 53 11	12°47'56	14°48'	22°29'	29°53'	7°53'	27°33'	6° 7	4°28'	2°57'	4°19'	8°D36	9°59'	26°26'	11°29'
S 29	4 57 8	13°49'04	29° 1	23°46'	0 ^h 57'	8°38'	27°29'	6° 8	4°28'	2°58'	4°18'	8°37'	9°56'	26°33'	11°34'
S 30	5 1 4	14 ^h 50'12	12 ^h 56'	25 ^h 4	2 ^h 1	9 ^h 22'	27 ^h 25'	6 ^h 9	4 ^h 28'	2 ^h 59'	4 ^h 17'	8°R37	9 ^h 53'	26 ^h 40'	11 ^h 39'

Delta T = 16m24s Julian Calendar 1 Nov. 1124 == Greg. Calendar 8 Nov. 1124

DECEMBER 1124 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	5 5 1	15 ^h 51'21	26 ^h 34'	26 ^h 24'	3 ^h 4	10 ^h 7	27°R21	6 ^h 10'	4 ^h 28'	3 ^h 0	4°R16	8°R37	9 ^h 50'	26 ^h 46'	11 ^h 44'
T 2	5 8 57	16°52'31	9 ^h 56'	27°46'	4° 6	10°52'	27 ^h 16'	6°11'	4°28'	3° 1	4 ^h 16'	8 ^h 34'	9°47'	26°53'	11°49'
W 3	5 12 54	17°53'41	23° 3	29° 8	5° 9	11°36'	27°12'	6°12'	4°R29	3° 2	4°15'	8°29'	9°43'	27° 0	11°54'
T 4	5 16 51	18°54'52	5 ^h 15'	0 ^h 32'	6°11'	12°21'	27° 7	6°13'	4°28'	3° 3	4°14'	8°22'	9°40'	27° 6	11°59'
F 5	5 20 47	19°56'04	18°38'	1°56'	7°12'	13° 6	27° 2	6°13'	4°28'	3° 3	4°13'	8°14'	9°37'	27°13'	12° 5
S 6	5 24 44	20°57'16	1 ^h 8	3°22'	8°14'	13°51'	26°57'	6°14'	4°28'	3° 4	4°13'	8° 4	9°34'	27°20'	12°10'
S 7	5 28 40	21°58'29	13°27'	4°48'	9°15'	14°36'	26°51'	6°14'	4°28'	3° 5	4°12'	7°55'	9°31'	27°26'	12°15'
M 8	5 32 37	22°59'42	25°36'	6°15'	10°15'	15°21'	26°46'	6°15'	4°28'	3° 6	4°11'	7°47'	9°28'	27°33'	12°20'
T 9	5 36 33	24° 0'55	7 ^h 33'	7°42'	11°15'	16° 6	26°40'	6°15'	4°28'	3° 6	4°10'	7°41'	9°24'	27°40'	12°26'
W10	5 40 30	25° 2'08	19°29'	9°10'	12°15'	16°51'	26°34'	6°R15	4°27'	3° 7	4°10'	7°37'	9°21'	27°46'	12°31'
T 11	5 44 26	26° 3'21	1 ^h 17'	10°39'	13°14'	17°36'	26°28'	6°15'	4°27'	3° 8	4° 9	7°35'	9°18'	27°53'	12°36'
F 12	5 48 23	27° 4'34	13° 3	12° 8	14°13'	18°21'	26°22'	6°15'	4°26'	3° 8	4° 8	7°D35	9°15'	28° 0	12°42'
S 13	5 52 20	28° 5'47	24°50'	13°37'	15°11'	19° 7	26°16'	6°14'	4°26'	3° 9	4° 8	7°36'	9°12'	28° 6	12°47'
S 14	5 56 16	29° 7'00	6 ^h 43'	15° 7	16° 8	19°52'	26°10'	6°14'	4°25'	3° 9	4° 7	7°38'	9° 9	28°13'	12°53'
M15	6 0 13	0 ^h 38'12	18°47'	16°38'	17° 6	20°37'	26° 3	6°13'	4°25'	3°10'	4° 7	7°39'	9° 5	28°20'	12°58'
T 16	6 4 9	1° 9'24	1 ^h 7	18° 9	18° 2	21°22'	25°56'	6°13'	4°24'	3°10'	4° 6	7°R40	9° 2	28°26'	13° 3
W17	6 8 6	2°10'35	13°47'	19°40'	18°58'	22° 8	25°50'	6°12'	4°23'	3°11'	4° 6	7°39'	8°59'	28°33'	13° 9
T 18	6 12 2	3°11'46	26°52'	21°12'	19°53'	22°53'	25°43'	6°11'	4°22'	3°11'	4° 5	7°37'	8°56'	28°39'	13°14'
F 19	6 15 59	4°12'57	10 ^h 26'	22°44'	20°48'	23°39'	25°36'	6°10'	4°21'	3°11'	4° 5	7°33'	8°53'	28°46'	13°20'
S 20	6 19 55	5°14'07	24°28'	24°16'	21°42'	24°24'	25°29'	6° 9	4°21'	3°12'	4° 4	7°28'	8°49'	28°53'	13°25'
S 21	6 23 52	6°15'17	8 ^h 15'	25°49'	22°36'	25°10'	25°22'	6° 8	4°20'	3°12'	4° 4	7°23'	8°46'	28°59'	13°31'
M22	6 27 49	7°16'26	23°49'	27°22'	23°28'	25°55'	25°14'	6° 7	4°19'	3°12'	4° 3	7°19'	8°43'	29° 6	13°36'
T 23	6 31 45	8°17'35	8 ^h 55'	28°56'	24°20'	26°41'	25° 7	6° 5	4°18'	3°12'	4° 3	7°15'	8°40'	29°13'	13°42'
W24	6 35 42	9°18'44	24° 6	0 ^h 31'	25°11'	27°26'	25° 0	6° 4	4°16'	3°13'	4° 2	7°13'	8°37'	29°19'	13°47'
T 25	6 39 38	10°19'52	9 ^h 12'	2° 5	26° 1	28°12'	24°52'	6° 2	4°15'	3°13'	4° 2	7°D13	8°34'	29°26'	13°53'
F 26	6 43 35	11°20'59	24° 5	3°40'	26°51'	28°58'	24°44'	6° 1	4°14'	3°13'	4° 2	7°13'	8°30'	29°33'	13°58'
S 27	6 47 31	12°22'07	8 ^h 38'	5°16'	27°40'	29°44'	24°37'	5°59'	4°13'	3°13'	4° 1	7°15'	8°27'	29°39'	14° 3
S 28	6 51 28	13°23'14	22°49'	6°52'	28°27'	0 ^h 29'	24°29'	5°57'	4°12'	3°13'	4° 1	7°16'	8°24'	29°46'	14° 9
M29	6 55 24	14°24'21	6 ^h 35'	8°29'	29°14'	1°15'	24°21'	5°55'	4°10'	3°R13	4° 1	7°17'	8°21'	29°53'	14°14'
T 30	6 59 21	15°25'27	19°58'	10° 6	0 ^h 0	2° 1	24°13'	5°53'	4° 9	3°13'	4° 0	7°R18	8°18'	29°59'	14°20'
W31	7 3 18	16 ^h 26'33	2 ^h 15'	11 ^h 44'	0 ^h 45'	2 ^h 47'	24 ^h 6	5 ^h 51'	4 ^h 7	3 ^h 13'	4 ^h 0	7 ^h 17'	8 ^h 14'	0 ^h 6	14 ^h 25'

Delta T = 16m23s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [10.1.2003]